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	Application Number		10645304	
	Filing Date		2003-08-21	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	First Named Inventor	Samu	Samuel I. STUPP et al.	
	Art Unit		1654	
	Examiner Name	Marcela M. Cordero Garcia		
	Attorney Docket Number	er	NANO 104 US2 (NU 22070)	

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	Nomizu, Motoyoshi, Keizo Yamamura, Hynda K. Kleinman, and Yoshihiko Yamada. August 1, 1993. "Multimeric Forms of Tyr-Ile-Gly-Ser-Arg (YIGSR) Peptide Enhance the Inhibition of Tumor Growth and Metastasis." Cancer Research. Vol. 53, pp. 3459-3461.						
	2	Young-Gu and K. J. Chang. February 26, 2001. "Mechanism for the Enhanced Diffusion of Charged Oxygen Ions SiO2." Physical Review Letters. Vol. 86, No. 9, pp. 1793-1796.					
	3	Matsui, Hiroshi and Robert MacCuspie. December 2001. "Metalloporphyrin Nanotube Fabrication Using Peptide Nanotubes as Templates." Nano Letters. Vol. 1, No. 12, pp. 671-675.					
	4	Irvine, Darrell J. and Anne M. Mayes. 2001. "Nanoscale Clustering of RGD Peptides at Surfaces Using Comb Polymers. 1. Synthesis and Characterization of Comb Thin Films." Biomacromolecules. Vol. 2, No. 1, pp. 85-94.					
	5	Matsui, Hiroshi, Precila Porrata, and Gary E. Douberly, Jr. 2001. "Protein Tubule Immobilization on Self-Assembled Monolayers on Au Substrates." Nano Letters. Vol. 1, No. 9, pp. 461-464.					
	6	Slocik, Joseph M., Joshua T. Moore, and David W. Wright. March 2002. Monoclonal Antibody Recognition of Histidine-Rich Peptide Encapsulated Nanoclusters." Nano Letters. Vol. 2, No. 3, pp. 169-173.					
	Shih, Sheng-Ming, Wei-Fang Su, Yuh-Jiuan Lin, Cen-Shawn Wu, and Chii-Dong Chen. 2002. "Two-Dimensional Arrays of Self-Assembled Gold and Sulfur-Containing Fullerene Nanoparticles." Langmuir. Vol. 18, No. 8, pp. 3332-3335.						
	Wong, Michael S., Jennifer N. Cha, Kyoung-Shin Choi, Timothy J. Deming, and Galen D. Stucky. 2002. "Assembly of Nanoparticles into Hollow Spheres Using Block Copolypeptides." Nano Letters. Vol. 2, No. 6, pp. 583-587.						
	"AccessScience Search Results. Amphiphile." Accessed online May 7, 2007. http://www.accessscience.com/search/asearch? location=titlestext&newSearch=1&pubpriv=private&categories=dictionary&categoral=dictionary&text=amphiphile. McGraw-Hill Encyclopedia of Science & Technology Online.						
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